

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors	PO ID PO29096	All Receipt Dates	All Line Item Types
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Total Received Quantity:	47.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$2,214.46
Total Balance Due Quantity:	0.0000

Received in good order by/Reçu en bon état par

Time in/Hre Arr.	Time out/Hre Dép.
7-17-15	7-17-15
Delivery date/Date de livraison	
Pieces	

Any loss or damage must be noted on delivery receipt at time of delivery otherwise consignee's signature will constitute clear receipt and claims will not be honored. Charges are subject to change after audit.

Name in block: s/iers/Nom en lettres moulées

Unit/Unité

Driver/Chauffeur Signature

5330
BRENT

Terms net 15 days/Conditions 15 jours
Overdue balance are subject to interest charges.
Les comptes en souffrance sont sujets à des frais d'intérêts.

Cash or Certified Cheque Only - Driver collect this amount
Total
C.O.D.
Chèque visé ou argent comptant seulement -
A percevoir par le chauffeur

Shrink Wrap Intact		Tailgate/Monte-charge		Inside divry/Livr. Intérieure		Initials		Initials		Total		1-888-TST-9229		85		COLLECT							
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		1		85		COLLECT							
TBE STAINLESS STEEL SEAMLESS		TUBE		613-632-5200 TEL		FUEL SURCHARGE		SINGLE SHIPMENT CHARGE		Printed on 2015/07/16 @ 22:33		** COLLECT **		DANIEL		COL COL COL							
Description		Weight/Poids		Rate/Taux		Charges/Frais		Term(s)		Origin Carrier/Transp./d'origine		No O/C Pro No.		M/M		D/J		Beyond Carrier/Transfert à		No B/C Pro No.		Amount/Montant	
Miscellaneous/Divers		293344		Tel: 613.933.8984		P.O.#/Bon de commande		29142		Shipper's B/L No./No. de commande l'exp.		1162249		750-4566661 1		Barcode		2015 07 16		Yr/M M/M Day/Jr		G.S.T.# 144612488	
Shipper/Expéditeur		MARMON KEYSTONE LTD		290 CHEMIN DU TREMBLAY		BOUCHERVILLE, PQ J4B 5X9		DART AEROSPACE LTD		1270 ABERDEEN ST		HAWKESBURY, ON K6A 1K7		Consignee/Consignataire		DART AEROSPACE LTD		1270 ABERDEEN ST		HAWKESBURY, ON K6A 1K7		Origin Carrier/Transp./d'origine	
Shipper/Expéditeur		MARMON KEYSTONE LTD		290 CHEMIN DU TREMBLAY		BOUCHERVILLE, PQ J4B 5X9		DART AEROSPACE LTD		1270 ABERDEEN ST		HAWKESBURY, ON K6A 1K7		Consignee/Consignataire		DART AEROSPACE LTD		1270 ABERDEEN ST		HAWKESBURY, ON K6A 1K7		Origin Carrier/Transp./d'origine	

Overland Express

G.S.T.# 144612488

Delivery Receipt/Preuve de livraison

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Order
Reference
Bid
Ship

: 107543

: 29096

: 14440

: PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Shipping Order

10/07/2015

Item No. Description

AP161 ALU PLA 1.000 6061-T6 PRIME 9-89 DAS

3 X 15" X 144" **** 9-89

ALU FLA.125 X .500 6061-T6 9-89 DAS

1 X 10' 9-89

SHIP TST COLLECT JP

2015-07-17

Merchandise Received:

Shipping :
Package No :

Ref. :

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel. : 450 641-3330

Customer : 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Order
Reference
Bid
Ship

: 107543

: 29096

: 14440

: PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Shipping Order

10/07/2015

Item No.	Description	Qty	Qty. Deliver	B/O Qty
AP161	ALU PLA 1.000 6061-T6 PRIME 3 X 15" X 144" ****	650	650	Ø
AF1812	ALU FLA .125 X .500 6061-T6 1 X 10'	10	10	Ø

SHIP TST COLLECT
JP

2015-07-14

Merchandise Received:

Shipping :

Package No :

Ref. :

TST Overland Express

Overland Western International Inc.

CONNAISSANCE NON NEGOCIABLE
BILL OF LADING NOT NEGOTIABLE
Service à la Clientèle
1-888-TST-9229

Expéditeur ou agent (nom & adresse) / Consignor or agent (name & address)		Nom du transporteur / Name of carrier	
Meyers, L. & Co. 340 117		15/7/15	
Consignataire (nom & adresse) / Consignee (name & address)		N° réf. expéditeur / Consignor's acct no.	
Meyers, L. & Co. 340 117		1027657	
Point d'origine / Point of origin		N° réf. transporteur / Carrier's ref. no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. expéditeur / Consignor's acct no.	
Destination		1027657	
Point d'origine / Point of origin		N° réf. transporteur / Carrier's ref. no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. expéditeur / Consignor's acct no.	
Destination		1027657	



Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	
Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	
Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	

Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
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Destination		1027657	
Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
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Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	
Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	

Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	
Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	
Point d'origine / Point of origin		N° réf. expéditeur / Consignor's acct no.	
Point d'origine / Point of origin		1027657	
Destination		N° réf. transporteur / Carrier's ref. no.	
Destination		1027657	

Nous y allons!



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4

<http://www.extrudex.com>

ASTM B221-12 - AMS QQA 200/8

BILL TO

Cert Code:

DE NUMBER

DATE OF SHIPMENT

EXTRUDEX ORDER NO. MANIFEST NO.

SHIP TO

9

0.73

S

4481

6/27/2013

158463

1

290186

SO DESCRIPTION

CUSTOMER PO

6061

SALESMAN

CERTIFICATION

ASTM B221-12 - AMS QQA 200/8

1/8"X1/2" FLAT BAR

CUSTOMER PART NUMBER

V838662

HOUSE ACCOUNTS

MADE IN CANADA

SPECIFICATION

Samuel std shapes

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jun/24/13	44.9	39.5	12.10	88.5, 88.4, 88.8	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11	0.58	0.22	0.20	0.06	0.81	0.05	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Remainder

Q 35310P

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY

ASTM B221-12 - AMS QQA 200/8



PLAQUE ALUMINUM 6061-T651
1.00" THICK X 15.0000" X 144.5000"

PLATE NO. 14J115
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Amo:

Signed by:

Certificate of Mill Test Results
14J115
Pg 1/1

BL PEO-944048-001

MILL TEST	No: 7661	DATE: 3/23/2015	ISO 9001:2008 No. 10/valid 2017
CERTIFICATE			STATUS

CUSTOMER : OLBERT METAL SALES LIMITED

CONTRACT/ORDER : 2025
BILL OF DELIVERY : 80235816
TRUCK/CONTAINER : CAXU 7237426

MATERIAL : ALUMINUM PLATES

ALLOY : 6061

DIMENSIONS (mm) : 70123233

70123235

0.875" THX 48.5" WDX 98.5" L

1" THX 48.5" WDX 144.5" L

TEMPER: T651

ACCORDING TO : ASTM B209; AMS 4027N; ANSI H35.2; ASME SB208; AMS-QC-A-250/11

ACTUAL MECHANICAL PROPERTIES									
1 MPa = 1 N/mm ² = 0.145 ksi = 0.102 kgf/mm ²									
Specified values:									
1 lbs = 0.4536 kg									
NET WEIGHT kg									
CAGE									
Measured values:									
LOT / BATCH									
70123233	366891	2,477.988	51.3	46.7	13.6	11.5			
593030167	366891	2,477.988	51.3	46.7	13.6	11.5			
70123235	366855; 366857;	15,454.417	48.6	46.7	11.5				
535030174	366793; 366795;	15,454.417	49.4	46.8	9				
366797; 366799									

ACTUAL CHEMICAL ANALYSIS %									
BATCH	SI	Fe	Cu	Mn	Mg	Cr	Ni	Zn	TI
535030167	0.61	0.4	0.13	1.05	0.18	0.04	0.065	0.019	0.01
535030174	0.78	0.43	0.31	0.1	0.16	0.017	0.11	0.018	0.008
REM.	REM.	REM.	REM.	REM.	REM.	REM.	REM.	REM.	REM.
Max.	0.4	0.7	0.4	0.15	1.2	0.35	0.05	0.15	0.05
Min.	0.4	0.7	0.4	0.15	1.2	0.35	0.05	0.15	0.05
Remarks	Others Total - Max: 0.15								

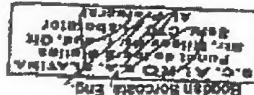
REMARKS

ACCORDING TO: ASTM B209; AMS 4027N; ANSI H35.2; ASME SB208; AMS-QC-A-250/11; 1987

Typical values, for information only.

We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperature variations. The differences between metal and its unit not exceed 11 °C. Please follow the recommendations of the Aluminum Association Guide for annealing, water staining, labeling, latest edition, for the unit not exceed 11 °C. Please follow the premises below usage. Also we certify that ALRO products comply with REACT legislation no. 1907/2006 concerning the Restriction, Denial, Authorization and Restriction of Chemicals and CLP legislation no. 1272/2008 on classification, labeling and packaging of substances and mixtures.

According to EN 10204:2004 3.1



ALRO S.A. No. 115, Phase 2 Street, Phone: +460 9249 435 117; 0248 433 000 also@alro.ro
238048-Strada-ROMANIA
Fax: +460 9249 435 117; 0248 433 000
www.alro.ro
cod 11/P-O-051/Rev.4/2012



PURCHASE ORDER

Purchase Order ID PO29096

Purchase Order Date 7/10/2015
PO Print Date 7/10/2015

Page Number 1 of 2



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

Order From : VC-MET002
SHIP TO : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Contact Name
Vendor Phone 800 558 8858
Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Line	Reference	Description	Reg Date/CD	Reg Qty/Unit of Measure	PO Unit Price	Extended Price
------	-----------	-------------	-------------	-------------------------	---------------	----------------

1	M6061T6B1.000X15.000	6061-T6 Bar 1.00 x 15.00	7/16/2015 Yes	36.00	\$76.74	\$2,762.50
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS 417/4128/415/416 OR QQ-A-225/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						

2	M6061T6B0.500X00.125	6061-T6 Bar 0.500 x 0.125	7/16/2015 Yes	10.00	\$0.35	\$3.50
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS 417/4128/415/416 OR QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						

Line Total: \$3.50

Line Total: \$2,762.50

805-07-17

Note:

7/10/2015

PURCHASE ORDER

Purchase Order ID PO29096

Purchase Order Date 7/10/2015

PO Print Date 7/10/2015

Page Number 2 of 2

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Order From :

VC-MET002

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

DART
AEROSPACE

Buyer
Customer POID
Customer Tax #
Terms
Currency
FOB
Destination-Collect
CAD
Net 30
10127-2607
Chantal Lavoie

Contact Name
Vendor Phone
800 558 8858
Ship To Contact
Ship To Phone
Ship Via
Ship Acct:
TST ground

PROCUREMENT QUALITY CLAUSES

No
7/16/2015

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 data notification by supplier
A043 retention of quality document

Handwritten: GTS-07H

\$0.00

Line Total:

\$0.00

PO Total:

\$2,766.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Date: 7/10/2015

Change Nbr: 1

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 079056/1132773

MATERIAL: 46061760500 x .125

DATE: 15-07-17

THICKNESS ORDERED: .125
THICKNESS RECEIVED: .125
SHEET SIZE ORDERED: 6/8
SHEET SIZE RECEIVED: 6/8

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 10
QUANTITY INSPECTED: 10
QUANTITY REJECTED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	Y	
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	
CORRECT REF # TO LINK CERT	Y	
CORRECT MATERIAL IDENTIFICATION	Y	
CORRECT M# ON THE MATERIAL	Y	1132773
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
HRC	HRB	DUR A	DUR D	
RECORD RESULTS BELOW				
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUREMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: DAS 9

DATE: 15-07-17

SIGNED OFF BY: _____

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 029096/HB2773

MATERIAL: HB616B 1.000X15.00

DATE: 15-07-17

THICKNESS ORDERED: 1.00
THICKNESS RECEIVED: 1.00
SHEET SIZE ORDERED: N/A
SHEET SIZE RECEIVED: N/A

MATERIAL CERT REC'D: 905
QUANTITY RECEIVED: 36
QUANTITY INSPECTED: 36
QUANTITY REJECTED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	(Y)	
CORRECT FINISH	(Y)	
CORROSION	(Y)	
CORRECT GRAIN DIRECTION	(Y)	
CORRECT MATERIAL	(Y)	
CORRECT THICKNESS	(Y)	
PHOTO REQUIRED	(Y)	
CORRECT MATERIAL	(Y)	
CORRECT REF # TO LINK CERT	(Y)	
CORRECT MATERIAL IDENTIFICATION	(Y)	029096
CORRECT # ON THE MATERIAL	(Y)	HB616B Sheet
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	(Y)	HB2773
DOES THIS REQUIRE AN EXTRUSION REPORT	(Y)	

Identify material has HB616B 1.000X15.00

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: _____ SIGNED OFF BY: Alex Russell A.R.

DATE: 15-07-17

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SEE ATTACHED #MPDS, T62
IS EQUIVALENT TO T62

Table 3.6.2.0(b)₂. Design Mechanical and Physical Properties of 6061 Aluminum Alloy Plate

Specification	AMS 4026 and AMS-QQ-A-250/11		AMS-QQ-A- 250/11		AMS 4025, AMS 4027 and AMS-QQ-A-250/11	
Form	Plate					
Temper	T451		T42 ^a		→ T651 and T62 ^b ←	
Thickness, in.	0.250-2.000		0.250- 1.000		1.001- 3.000	
Basis	A	B	A	B	S	S
Mechanical Properties: <i>F_{ms}</i> ksi: L LT <i>F_{yp}</i> ksi: L LT <i>F_{cp}</i> ksi: L LT <i>F_{su}</i> ksi: <i>F_{brms}</i> ksi: (e/D = 1.5) (e/D = 2.0) <i>F_{brps}</i> ksi: (e/D = 1.5) (e/D = 2.0) <i>e</i> , percent: L .....	...	...	...	...	...	...
	30	32	30	32	30	42
	...	...	...	...	...	42
	16	18	16	18	14	35
	...	...	...	...	...	35
	...	...	...	...	...	38
	...	...	...	...	...	37
	...	...	...	...	...	35
	...	...	...	...	...	37
	...	...	...	...	...	35
	...	...	...	...	...	35
	...	...	...	...	...	35
	...	...	...	...	...	35
	...	...	...	...	...	35
	...	...	...	...	...	35
	...	...	...	...	...	35
<i>E_s</i> , 10 ³ ksi <i>E_{cp}</i> , 10 ³ ksi <i>G</i> , 10 ³ ksi <i>μ</i>	9.9					
	10.1					
	3.8					
	0.33					
Physical Properties: <i>ω</i> , lb/in. ³ <i>C</i> , K, and <i>α</i> ,.....	0.098 See Figure 3.6.2.0					

- a Design allowables were based upon data obtained from testing samples of material, supplied in the O temper, which were heat treated to demonstrate response to heat treatment by suppliers. Properties obtained by the user may be lower than those listed if the material has been formed or otherwise cold or hot worked, particularly in the annealed temper, prior to solution heat treatment.
- b Design allowables were based upon data obtained from testing T651 plate and from testing samples of plate, supplied in the O temper, which were heat treated to demonstrate response to heat treatment by suppliers. Properties obtained may be lower than those listed if the material has been formed or otherwise cold worked, particularly in the annealed temper, prior to solution heat treatment.
- c Properties for this thickness apply only to T651 temper.
- d See Table 3.6.2.0(b₃).